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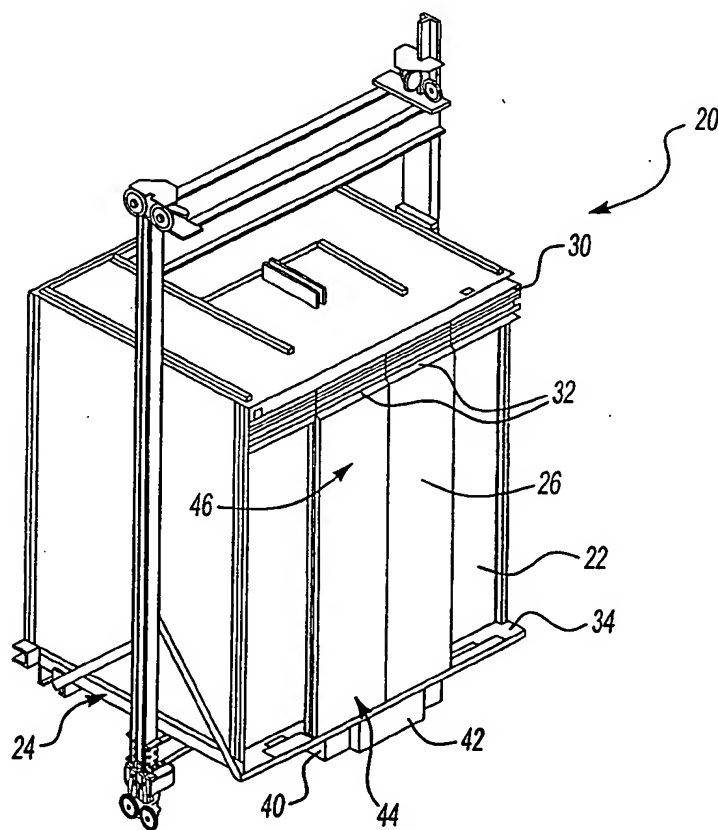
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4 November 2003 (04.11.2003)</p> <p>(25) Filing Language: English</p> <p>(26) Publication Language: English</p> <p>(71) Applicant (<i>for all designated States except US</i>): OTIS ELEVATOR COMPANY [US/US]; Ten Farm Springs Road, Farmington, CT 06032 (US).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (<i>for US only</i>): GALANTE, Timothy, P. [US/US]; 5 Cherryfield Drive, West Hartford, CT 06107 (US). KULAK, Richard [US/US]; 80 Aldbourne</p> | <p>Drive, Bristol, CT 06010 (US). TERRY, Harold [GB/US]; 73 Deepwood Drive, Avon, CT 06001 (US). LEGEZ, Jacobus, Benjamin [NL/NL]; Distellaan 25, NL-1424 SC De Kwakel (NL).</p> <p>(74) Agent: GASKEY, David, J.; Carlson, Gaskey & Olds, 400 W. Maple Rd., Ste. 350, Birmingham, MI 48009 (US).</p> <p>(81) Designated States (<i>national</i>): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.</p> <p>(84) Designated States (<i>regional</i>): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM).</p> |
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(54) Title: ELEVATOR DOOR OPERATOR AND INTERLOCK ARRANGEMENT



(57) Abstract: An elevator door moving arrangement includes a door mover (40) and an interlock device (42) supported near a lower edge (44) of cabin doors (26). The strategic position of the door mover (40) and the interlock device (42) minimizes the distance between the sill member (34, 78) and the operative components for moving the doors. In one example, the entire door mover assembly and the interlock are located beneath a sill member (34), which is beneath the bottom edge of the doors (26).

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